

## **APPENDIX 2**

### **ELECTRICAL CODE ADOPTED**

A booklet entitled 'National Electrical Code 1999 Edition' as amended and as hereafter may be amended, at least one (1) copy of which is on file in the office of the Building Official of the City of College Station, Texas, is hereby adopted and designated as the Electrical Code of the City of College Station, Texas.

### **AMENDMENTS TO NATIONAL ELECTRICAL CODE**

A. The above referenced 'National Electrical Code' is hereby amended as follows:

1. Section 210-23(a) shall be amended to delete the reference to 15 ampere branch circuits. It shall also be amended to include after the words ' . . . are also supplied' the following sentence: 'However, a circuit of twenty (20) amperes shall not serve more than ten openings.'
2. Table 210-24 shall be amended by adding the following: 'Reference all 14 AWG conductor indicated in the table with asterisks (\*\*\*) and add this footnote at the bottom of the table \*\*\* special note: Except for fixture wires in UL or other listed fixtures, no conductor of a size smaller than 12 AWG copper is allowed in residential wiring.'
3. Section 210-52(b) shall be amended by adding the following: 'Exception No. 3: A separate circuit is required for each refrigerator, deep freeze, dishwasher, disposal, trash compactor or any other load exceeding six (6) amperes.'
4. Section 210-52(c) shall be amended by adding the following at the end of the section: 'Exception: A separate circuit is required for microwave ovens or any other counter top appliance with a load exceeding six (6) amperes.'
5. Section 210-52(f) shall be amended to include after the words ' . . . for the laundry' the following sentence: 'However, a separate circuit is required for a washing machine or any other laundry appliance with a load exceeding six (6) amperes.'
6. Section 210-52 shall be amended by adding the following subsection: '(j) Other Locations. A separate circuit is required for each well pump or other outdoor loads exceeding six (6) amperes.'
7. The Electrical Code shall be amended by adding the following section: 230-10 Meter Mounting Heights. Individual meters shall be mounted at a height not greater than 5'-6" nor less than 4'-6" above finished grade, measured to the center line of the meter base. Meter packs shall be mounted with its horizontal centerline not greater than 4'-6" nor less than 4'-0" above finished grade.

Exception: Meters and meter packs may be mounted at a different height by special permission of the Building Official or his designee when special conditions make the installation at the above heights impractical.

8. Section 230-70 (a) shall be amended by adding the following at the end of said section: 'The service disconnecting means for a commercial building or structure (service disconnect) shall be installed on the outside of the building or structure. All such service disconnects shall be clearly marked in a permanent manner.'

Power operated disconnect switches (shunt trips) shall be permitted for service disconnects rated 1000 amps or more. All power operated disconnect switches (shunt trips) shall be of the momentary contact type and installed in an approved, lockable enclosure.

**Exception:** A power operated disconnect switch (shunt trip) may be allowed on service disconnects rated less than 1000 amps, if the applicant requests an exception from the Electrical Division and Building Official and satisfies the official that one of the following criteria has been met.

(a) A power operated disconnect switch (shunt trip) may be used for a service disconnect rated less than 1000 amps when the building or structure is served by a single transformer and the transformer is not anticipated to be used for multiple services; or

(b) A power operated disconnect switch (shunt trip) may be used for a service disconnect rated less than 1000 amps on an existing building or structure when space is not available to mount an external disconnect.

9. Section 250-83(c)(1) and (2) shall be amended by allowing only copper coated grounds.
10. Section 310-2(b) shall be amended to read as follows: 'Conductor Material. Conductors in this article shall be copper only.'
11. Section 333-4 shall be amended to read as follows: 'Uses Not Permitted. Type AC cable shall not be permitted in commercial buildings as a wiring method.'
12. Section 336-5 (a) shall be amended to include the following subsection: (10) educational occupancies as defined by the "adopted building code."